

IN THE ABSTRACT

Amend the abstract as follows:

A method and a system are disclosed for setting up, modifying and tearing down a side-stream communication session in a basic service set (BSS) in a wireless network so that the communication session has a defined Quality of Service (QoS). Regarding setting up a side-stream communication session, a first Path message and a first Resv message (Path/Resv message) of a RSVP protocol is detected at a designated subnet bandwidth manager (DSBM) in a station having a point coordinator (PC). The first Resv message originates from a RSVP agent of a destination non-PC station in the BSS and requests resource reservation for setting up a side-stream session between a source non-PC station and at least one destination non-PC station in the same BSS. The DSBM extracts a QoS parameter set and a classifier from the first Path/Resv message for the session. ~~The DSBM then determines whether to admit the side stream session to the network based on the QoS parameter set defining the session and a channel status report on a medium access control (MAC) sublayer of the BSS.~~ When the side stream session is admitted, ~~a QoS management entity (QME) of the PC station sets up a virtual side stream (VSS) between the source non PC station and the at least one destination non PC station for transporting the side stream session traffic. The DSBM is part of the QME in the PC station.~~